

Necropsy/Veterinary Examination Report

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Report Date: 1/15/13

Location/Event: Owyhee Gather

Exam Date: 1/15/13

Animal ID: Yearling Bay Stallion

History: This animal went down and died during the gather out on the range. Report by the contractor was that he was moving at a trot with a small group of horses and after they crossed the road he just went down and never moved after that. He was acting normally prior to the collapse event.

Examination: NECROPSY - Witnessed by the contractor and COR, Bruce Thompson, as well as the BLM Field Manager, Rich Adams.

My observation at the location the animal went down revealed that death was instantaneous as there were no marks indicating struggle in the snow. The animal was transported by trailer to the holding area where the exam was performed.

Given the behavioral characteristics prior to death described by the contractor, the area of focus was the thoracic cavity, namely the heart and lungs.

The first lesions noted were several areas of pettichial hemorrhage on the pericardium. I also noticed a large amount of “bloody” tissue rostral to the heart. It appears to be blood engorged thymus gland. The lungs were firm and very dark purple in color throughout instead of the spongy pink coloration that is expected. The exterior of the heart appeared normal. The heart valves seemed small and not easily observed. The arteries and veins at the top of the heart appeared normal.

Diagnosis/Differentials: There did not appear to be any clear cause of death. Possibilities include - Congenital heart defects ? (incomplete valve formation)

Infarction ? – did not observe any

Pulmonary Thrombosis ? – did not observe any

Conclusion(s)/Recommendation(s):

The cause of death was exercise induced acute pulmonary failure due to an unknown but likely chronic, preexisting heart or lung condition.